

Cys-PKHB1 TFA

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from moisture  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Cys-PKHB1 (Cys-txCD47) TFA is a polypeptide consisting of a cysteine (Cys) residue conjugated with PKHB1, which is a CD47 agonist peptide that mimics the anti-tumor effects of thrombospondin-1 peptides. In breast cancer cells, PKHB1 induces mitochondrial changes, ROS production, intracellular accumulation of Ca <sup>+</sup> , and calcium-dependent cell death. Furthermore, PKHB1 activates the immune system through immunogenic cell death of breast cancer cells.
Targets(IC50)	Thrombopoietin Receptor

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